

REMARKS/ARGUMENTS

These remarks are made in response to the Office Action of May 7, 2004 (Office Action). Claim 8 was amended and claims 1-19 remain in the application.

In paragraph 1 of the Office Action, Claim 8 was objected for inadvertently reciting a method. The term "system" now appropriately replaced "method."

In paragraph 2, the Examiner objected to the incorporation of material by reference. Appropriate material from cited references have now been included in the replacement specification (See both marked-up and clean versions). Please note that an accompanying Declaration stating that the amendatory material consists of the same or a portion of the same material incorporated by reference in the original specification is included.

In paragraph 3, the Examiner objects to the use of trademarks. Please note that the Applicant's use of trademarks appears to be correct. Distinguishing trademarks by capitalizing all the letters in the trademark is not necessary. Capitalizing just the first letter is sufficient in most instances. Further note that the reference to "LaTeX" refers to a computer program for typesetting documents. "TeX" is a computer program for typesetting documents, created by D. E. Knuth. It takes a suitably prepared computer file and converts it to a form that may be printed on many kinds of printers, including dot-matrix printers, laser printers and high-resolution typesetting machines. A number of well-established publishers now use TeX in order to typeset books and mathematical journals. "LaTeX", written by L. B. Lamport, is one of a number of 'dialects' of TeX. It is particularly suited to the production of long articles and books, since it has facilities for the automatic numbering of chapters, sections, theorems, equations etc., and also has facilities for cross-referencing.

In paragraph 4, the examiner recites 35 U.S.C. § 102(b), but then in paragraph 5 of the Office Action, claims 1 and 13 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,515,490 to Buchanan et al. (Buchanan). Buchanan discusses a method and system for temporally formatting data presentations in time-dependent documents. Buchanan, in particular discusses a method of automatically providing a temporal format for a multimedia document that also produces a consistent schedule for media items having

unpredictable behavior. This is especially important for the effective production of interactive multimedia documents, which are used in a variety of environments such as education. In this regard, Buchanan refers to formatting first and second media items. The present invention as claimed concerns 3 very distinct items that are not suggested, mentioned or contemplated by Buchanan. In particular, the present invention includes a realization of a media stream (for example, a audio or video stream) that has a first representation (for example, text in the form of English subtitles for the video stream) that is synchronized with the realization. In addition, the present invention includes a second representation (for example, text in the form of Spanish subtitles for the video stream). Thus, the present invention includes a realization and first and second representations. Buchanan, in contrast only has first and second temporally related media items. There is no suggestion of a realization and a first representation that is synchronized with the realization in addition to a second representation. The vague description in the abstract and claims of Buchanan cited by the examiner certainly fail to include the three items recited in the claims of the present invention. In other portions of Buchanan, (col. 23, line 55 through col 24, line 15), further descriptions of the "broad steps of the method" of Buchanan are misconstrued to read on the claims of the present invention. Again, it does not appear to teach or suggest a realization, and first and second representations nor the steps of determining structure information in the first and second representations and the structure association between the first and second representations. Finally, there is no teaching of synchronizing the second representation with the first representation that is synchronized with the realization using the structure association information (between the first and second representations).

Even if one were to somehow equate the first and second temporally related media items of Buchanan to the realization and first representation of the present invention, there still fails to exist in Buchanan a second representation, or a second representation that is used to determine a structure association between the first representation and the second representation. Alternatively, if one were to somehow equate the first and second temporally related media items of Buchanan to the first representation and the second representation of the present invention, then there still fails to exist a realization that is synchronized to the first representation in Buchanan, or a second representation that is used to determine a structure association between

the first representation and the second representation in order to synchronize the second representation with the realization. Thus, the applicant respectfully submits that claims 1 and 13 are novel and non-obvious in view of Buchanan.

Regarding paragraphs 6 and 7 of the Office Action, claims 2-3 and 14-15 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Buchanan in view of the Kim publication. Although Kim appears to be applicable to multimedia presentations, such combination still fails to obviate the claims of the present invention due to the noted deficiencies in Buchanan noted above. Furthermore, with respect to claim 2, the Examiner asserts that data structures that contains pointers to data corresponding to nodes rather than the data itself reads on tree locators, yet such a specific teaching of providing a stream of tree locators resulting from the analysis of the structure information of the first representation and the second representation is not found in Kim. With respect to claim 3, the Applicant fails to see the relevance of Col. 24, Lines 11-15 regarding the aligning of the structure information of the first and second representations. Buchanan states that the "temporal formatter 100 creates the schedule command data structure for each event that controls the presentation of the media items, in box 170." Again, where and what are the realization and representations in Buchanan?

Regarding paragraph 8 of the Office Action, claims 4-5 and 16-17 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Buchanan in view of Kim, and another publication by Rutledge. Once again, such combination still fails to obviate the claims of the present invention due to the noted deficiencies in Buchanan and Kim noted above and further in the view that Rutledge further fails to suggest, mention or contemplate a web of relations as recited in the claims of the present invention. Claim 4 in particular recites aligning at least one version of content (of the realization) with the first representation to produce a web of relations. In paragraph 2 of section 2 of Rutledge, there is discussion of two attributes that enable one element to refer to one another. Applicant once again fails to see how this relates to the web of relations between a version of content of a relation and a first representation as claimed in the present invention.

Regarding paragraph 9 of the Office Action, claims 6-7 and 18-19 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Buchanan in view of Kim, a publication by

Garbinato et al (Garbinato) and U.S. Patent No. 5,731,847 to Tsukagoshi et al (Tsukagoshi). Furthermore, the examiner references an uncited reference to "Alleva '197" which Applicant believes is U.S. Patent 5,794,197. Applicant would appreciate if Examiner would include this reference in the "Notice of References Cited", form PTO-892. Once again, such combination still fails to obviate the claims of the present invention due to the noted deficiencies in Buchanan and Kim noted above. Furthermore, Applicant believes such a combination is piecemeal combination of references where the examiner attempts to pick and choose elements of various references that have little suggestion or motivation to combine in order to obviate the claims of the present invention. In any event, even if one were to combine such references, such combination still fails to suggest, mention or contemplate the realization, the first representation, and the second representation as recited in the claims.

Regarding paragraphs 10-13, once again reiterates the arguments provided above, particularly in the reliance of the Buchanan and Kim references. Other references in the Office Action by the Examiner have been reviewed, but do not appear to further affect the patentability of the claims of the present invention. The Applicant would appreciate if the Examiner would include such references in the "Notice of References Cited", form PTO-892, namely U.S. Patent Nos. 5,748,187 and 5,895,124.
analysis.

In light of the foregoing, withdrawal of the 35 U.S.C. § 103(a) (and §102, if any) rejections with respect to the claims is respectfully requested. As none of the reference either singly nor in any combination thereof teaches or suggests the features of the present invention as claimed, withdrawal of the rejections regarding claims 1-19 is once again respectfully requested.

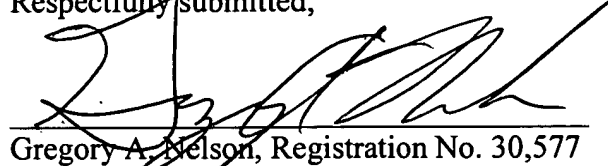
The Applicants believe that this application is now in full condition for allowance, which action is respectfully requested. The Applicants request that the Examiner call the undersigned if clarification is needed on any matter within this Response, or if the Examiner believes a telephone interview would expedite the prosecution of the subject application to completion.

Appln. No. 09/994,544
Amdt. dated Aug. 9, 2004
Reply to Office Action of May 7, 2004
Docket No. DE9-2000-0031 (267)

Date: _____

8/9/04

Respectfully submitted,



Gregory A. Nelson, Registration No. 30,577

Pablo Meles, Registration No. 33,739

Brian K. Buchheit, Registration No. 52,667

AKERMAN SENTERFITT

Post Office Box 3188

West Palm Beach, FL 33402-3188

Telephone: (561) 653-5000